

IN THE CLAIMS

Please cancel claims 17 and 18 without prejudice. Please amend the claims as follows:

1. (Currently Amended) A method of protecting neuronal cells from cell death in a subject having or at risk of having a stroke neuropathological disorder, comprising administering to the subject, a therapeutically effective amount of activated protein C (APC), thereby providing neuroprotection to the subject.
2. (Original) The method of claim 1, wherein the APC is administered intravenously.
3. (Cancelled)
4. (Currently Amended) The method of claim 13, wherein ~~the disorder is stroke~~ and the APC is administered during the stroke or up to six hours before or after the stroke.
5. (Currently Amended) The method according to claim 1, wherein the method further comprises administering a therapeutically effective amount of protein S one or more antithrombotic factors or APC cofactors.
6. (Cancelled)
7. (Currently Amended) The method according to claim 1 wherein the method further comprises administering a therapeutically effective amount of a N-methyl-D-aspartate (NMDA) receptor antagonist or a calcium ion channel antagonist one or more additional neuroprotective agents.
8. (Cancelled)

9. (Currently Amended) A method for reducing inflammation in a subject having or at risk of having a stroke neuropathological disorder, comprising administering to the subject, a therapeutically an anti-inflammatory effective amount of activated protein C (APC), thereby reducing neurological inflammation in the subject.

10. (Original) The method of claim 9, wherein the APC is administered intravenously.

11. (Cancelled)

12. (Currently Amended) The method of claim 9, wherein the disorder is stroke and the APC is administered during the stroke, or up to six hours before or after the stroke.

13. (Currently Amended) The method of claim 12, further comprising administering a therapeutically effective amount of Protein S one or more antithrombotic factors or APC cofactors.

14. (Cancelled)

15. (Currently Amended) A method for reducing inflammation in a subject having or at risk of having inflammatory vascular disease comprising administering to the subject, a therapeutically an anti-inflammatory effective amount of activated protein C (APC), thereby reducing inflammation in the subject.

16. (Original) The method as in any of claims 1, 9 or 15, further comprising administering to the subject a therapeutically effective amount of one or more anticoagulant, anti-platelet or thrombolytic agent.

17. (Cancelled)

18. (Cancelled)

19. (Currently Amended) The method ~~as in any of claim claims 1, 9, or 15,~~ further comprising administering to the subject a therapeutically effective amount of Protein S an antithrombotic factor or APC cofactor.

20. (Cancelled)

21. (Cancelled)